



US009510912B2

(12) **United States Patent**  
**Bencteux et al.**

(10) **Patent No.:** **US 9,510,912 B2**  
(45) **Date of Patent:** **Dec. 6, 2016**

(54) **MODULE FOR DRIVING A ROBOTIC CATHETERISATION SYSTEM**

(58) **Field of Classification Search**

CPC ..... A61B 19/2203

(Continued)

(71) Applicant: **ROBOCATH**, Rouen (FR)

(56) **References Cited**

(72) Inventors: **Philippe Bencteux**, Bois-Guillaume (FR); **Sébastien Deboeuf**, Herblay (FR); **Jacques Marignier**, Le Mesnil Esnard (FR)

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(73) Assignee: **ROBOCATH**, Rouen (FR)

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(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(21) Appl. No.: **14/769,667**

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(22) PCT Filed: **Mar. 6, 2014**

French Search Report Application No. PCT/FR2014/050515 reported on Apr. 28, 2014.

(86) PCT No.: **PCT/FR2014/050515**

§ 371 (c)(1),

(2) Date: **Aug. 21, 2015**

*Primary Examiner* — David S Luo

(74) *Attorney, Agent, or Firm* — Miller, Matthias & Hull LLP

(87) PCT Pub. No.: **WO2014/135808**

PCT Pub. Date: **Sep. 12, 2014**

(57) **ABSTRACT**

(65) **Prior Publication Data**

US 2016/0008076 A1 Jan. 14, 2016

The invention relates to a module for driving a robotic catheterization system, comprising a base and mobile equipment that rotates in relation to the base about a rotational axis, and comprising a support receiving a flexible medical body; a device for driving in translation, suitable for generating a translation of said body in the main direction; a regulating device comprising a push element which is mobile in relation to the receiving space in a lateral adjustment direction perpendicular to the main direction; and a system for transferring motive energy comprising a control part carried by the base and a transmission part carried by the mobile equipment, the motive energy transfer system being suitable for moving the push element irrespective of the relative orientation of the mobile unit and the base.

(30) **Foreign Application Priority Data**

Mar. 7, 2013 (FR) ..... 13 52058

(51) **Int. Cl.**

**A61B 19/00** (2006.01)

**A61M 25/01** (2006.01)

(52) **U.S. Cl.**

CPC ..... **A61B 19/2203** (2013.01); **A61B 34/30** (2016.02); **A61M 25/0113** (2013.01); **A61M 25/0147** (2013.01); **A61B 2034/301** (2016.02)

**17 Claims, 13 Drawing Sheets**

